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(54) POROUS POLYOLEFIN FILM

(57) Abstract:

PURPOSE: To enhance reliability with respect to safety and hygiene by using a specified blended polymer and forming a porous structure in which spaces defined with lamellae and many fibrils connecting the lamellae communicate with each other all over the structure.

CONSTITUTION: A blended polymer consisting of 95-40wt.% polyolefin and 5-60wt.% hydrophilic polyolefin is melted and extruded and the resulting unstretched film is stretched to obtain a porous polyolefin film. Since this film has a structure obtd. by splitting folded molecules between lamellae of the unstretched film into fibrils by stretching, spaces are left around many fibrils connecting the lamellae arranged in the longitudinal direction of the film and the resulting structure ranges from one side of the

film to the other side. Since a solvent and additives are not used in production, the porous polyolefin film has high reliability with respect to safety and hygiene and also has superior strength characteristics.

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